

Appl. No. 10/709,202
Amdt. dated May 26, 2005
Reply to Office action of March 03, 2005

AMENDMENTS TO THE CLAIMS

1. (currently amended) A cooling module of a computer system comprising:
- 5 a fan module with an air inlet and an air outlet, capable of drawing air into the air inlet and exhausting air from the air outlet;
- a heat sink module with an air inlet, an air outlet, and a heat conduction part; the heat conduction part being
- 10 between the air inlet and the air outlet, the fan module stacked onto the heat sink module with the air inlet of the heat sink module connecting to the air outlet of the fan module, the heat conduction part ~~connecting to~~ stacked onto a circuit of the computer system; the heat
- 15 sink module ~~capable of drawing~~ allowing air to be drawn into the air inlet and through the heat conduction part and ~~exhausting air~~ exhausted from the air outlet; and
- an air wall between the air inlet of the fan module and the air outlet of the heat sink module for isolating airflow
- 20 from the air outlet of the heat sink module to the air inlet of the fan module, so that heated air from the air outlet of the heat sink module is prevented from flowing into the air inlet of the fan module.
- 25 2. (original) The cooling module of claim 1 wherein the air wall further comprises an approach; one end of the approach connecting to the air outlet of the fan module while another end connects to the air inlet of the heat

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sink module.

3. (original) The cooling module of claim 1 and claim 2
wherein the computer system and the cooling module are
5 disposed within a case.

4. (original) The cooling module of claim 3 further
comprising:
a brace in the case; the air wall being fixed to the
10 brace.

5. (original) The cooling module of claim 4 wherein a
support device of the computer system is capable of
being fixed to the brace.
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6. (original) The cooling module of claim 4 wherein the
air wall comprises at least one connection end while
the brace comprises a corresponding connection end;
the connection end of the air wall capable of plugging
20 into the connection end of the brace.

7. (original) The cooling module of claim 3 wherein the
air wall divides the case into a first room and a second
room, so that the fan module draws air from the first
25 room, and the heat sink module exhausts air into the
second room.

8. (original) The cooling module of claim 7 further

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comprising:

a second fan module in the case for exhausting air provided
by the second room to outside the case.

5 9. (original) The cooling module of claim 1 wherein the
heat conduction part is connected to a central
processing unit of the computer system.

10 10. (currently amended) A computer system comprising:
a case;
a circuit for controlling operations of the
computer system; and
a cooling module in the case comprising:
15 a fan module with an air inlet and an air outlet, capable
of drawing air into the air inlet and exhausting air
from the air outlet;
a heat sink module with an air inlet, an air outlet, and
a heat conduction part; the heat conduction part
being between the air inlet and the air outlet, the
20 fan module stacked onto the heat sink module with
the air inlet of the heat sink module connecting to
the air outlet of the fan module, the heat conduction
part connecting to stacked onto the circuit; the heat
sink module capable of drawing allowing air to be
25 drawn into the air inlet and through the heat
conduction part and ~~exhausting air~~ exhausted from
the air outlet; and
an air wall between the air inlet of the fan module and

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5 the air outlet of the heat sink module for isolating
airflow from the air outlet of the heat sink module
to the air inlet of the fan module, so that heated
air from the air outlet of the heat sink module is
prevented from flowing into the air inlet of the fan
module.

10 11. (original) The computer system of claim 10 wherein the
air wall further comprises an approach; one end of
the approach connecting to the air outlet of the fan
module while another end connects to the air inlet
of the heat sink module.

15 12. (original) The computer system of claim 10 further
comprising:
a brace in the case; the air wall being fixed to the
brace.

20 13. (original) The computer system of claim 12 further
comprising a support device fixed to the brace for
supporting operations of the computer system.

25 14. (original) The computer system of claim 12 wherein the
air wall comprises at least one connection end while
the brace comprises a corresponding connection end;
the connection end of the air wall capable of plugging
into the connection end of the brace.

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15. (original) The computer system of claim 10 wherein the
air wall divides the case into a first room and a
second room, so that the fan module draws air from
the first room, and the heat sink module exhausts air
5 into the second room.

16. (original) The computer system of claim 15 further
comprising:
a second fan module in the case for exhausting air provided
10 by the second room to outside the case.

17. (original) The computer system of claim 10 wherein the
circuit is a central processing unit of the computer
system.
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